

THE PORT AUTHORITY  
OF NY & NJ



ORIGINAL SIGNED & SEALED BY  
N.Y. P.E. (OR R.A.)

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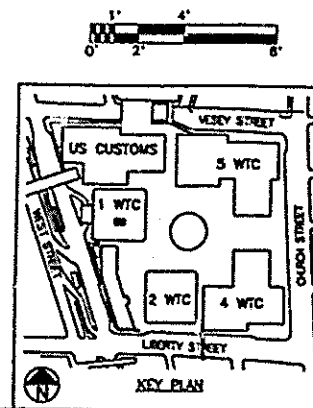
I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT  
COPY OF ONE OF THE CONTRACT DRAWINGS OR  
SITUATIONS A PART OF CONTRACT NO. **WTC-945.071**  
IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT  
THE TIME THE SAID CONTRACT WAS EXECUTED BY  
THE PARTIES.  
DATE **11/16/98** **Sullivan A. Adlan**  
DATE **11/16/98** **P.R. Vennema**  
ENGINEER OF DESIGN

No.	Date	Revision	Appr'd
1	11/17/97	ISSUED FOR BID	
Engineering Department			
Design Divisions			
The World Trade Center			
Title			
STANDBY POWER			
5 WORLD TRADE CENTER			
STRUCTURAL			
1 WTC PRIMARY			
FEEDER (FUTURE-NIC)			
PART PLANS			

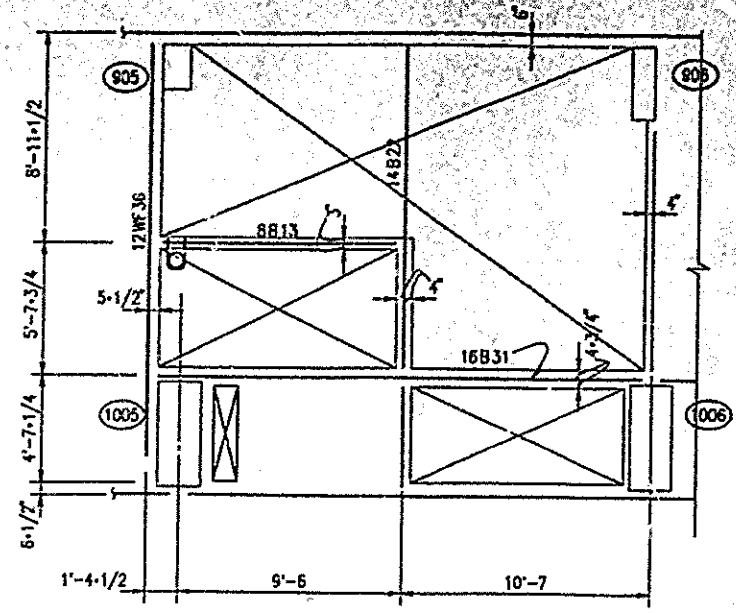
STANDBY POWER  
5 WORLD TRADE CENTER  
STRUCTURAL  
1 WTC PRIMARY  
FEEDER (FUTURE-NIC)  
PART PLANS

This drawing subject to conditions in contract.  
All inventions, ideas, designs and methods  
herein are reserved to Port Authority and  
may not be used without its written consent.

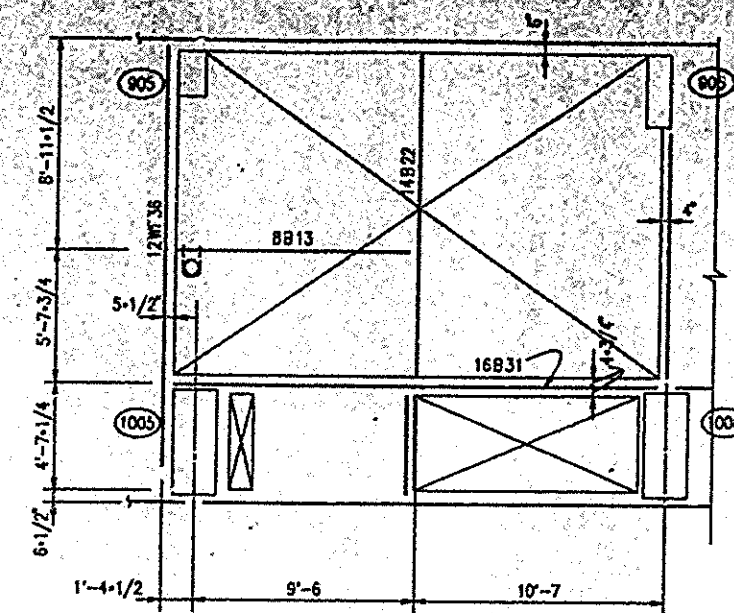
Designed by **MNS** Drawn by **BAZ** Checked by **RZ**  
Date **11/17/97** Scale **AS NOTED**  
Contract Number **WTC-945.071** Drawing Number **S5-03**



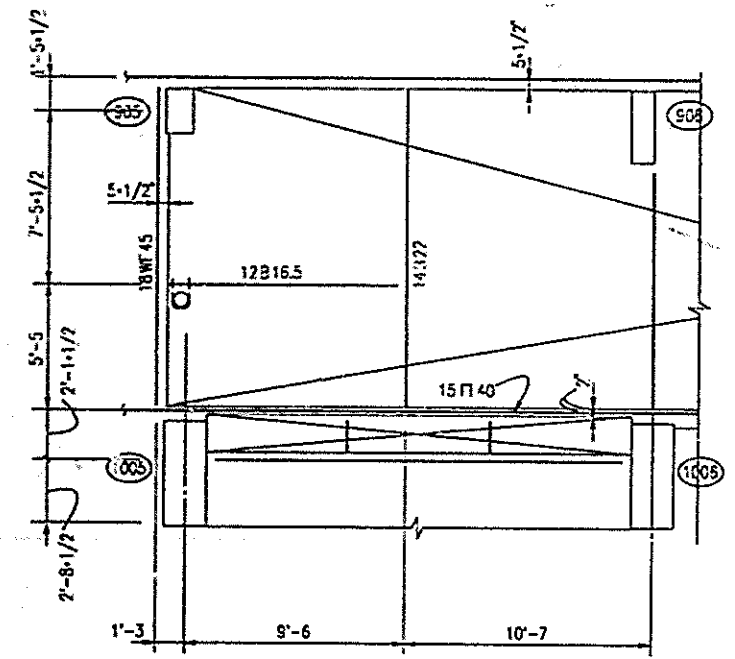
- NOTES:
1. THE PRIMARY FEEDER INSTALLATION AT 1 WTC IS A FUTURE INSTALLATION AND IS NOT IN THE CURRENT CONTRACT (NIC). FUTURE INSTALLATION OF THIS WORK WILL BE PAID FOR AT THE NET COST THEREOF. "NET COST" SHALL BE COMPUTED IN THE SAME MANNER AS IS COMPENSATION FOR EXTRA WORK, INCLUDING ANY PERCENTAGE ADDITION TO COST, AS SET FORTH IN THE CLAUSE OF THE CONTRACT PROVIDING COMPENSATION FOR EXTRA WORK. COMPENSATION FOR SAID NET COST WORK SHALL NOT BE CHARGED AGAINST THE TOTAL AMOUNT OF COMPENSATION AUTHORIZED FOR EXTRA WORK.
  2. EXISTING FRAMING IS SHOWN FADED.
  3. CABLE RUNS STRAIGHT UP FROM THE B1 LEVEL TO FLOOR 41 AND FROM FLOOR 44 TO FLOOR 76. CABLE TRANSITIONS BETWEEN SHAFTS ON FLOORS 41-43. SEE ELECTRICAL DWGS FOR ROUTING.
  4. THE WEIGHT OF CONDUIT, INCLUDING THE CABLE, SHALL BE SUPPORTED PROPORTIONALLY AT EACH FLOOR.
  5. FRAMING IN SHAFT VARIES; SEE DRAWING S5-05 FOR THE DETAILS OF THE STRUCTURAL STEEL WHICH ACTUAL CONDUIT SUPPORTS CONNECT TO.
  6. GRATING AND GRATING SUPPORTS NEED TO BE REINFORCED OR REPLACED FOR THEIR ABILITY TO RECEIVE HOLES FOR THE CONDUIT AND THEIR ABILITY TO SUPPORT THE PULL BOXES AND OTHER SERVICE LOADS. CONTRACTOR NEED VERIFY IN THE FIELD.



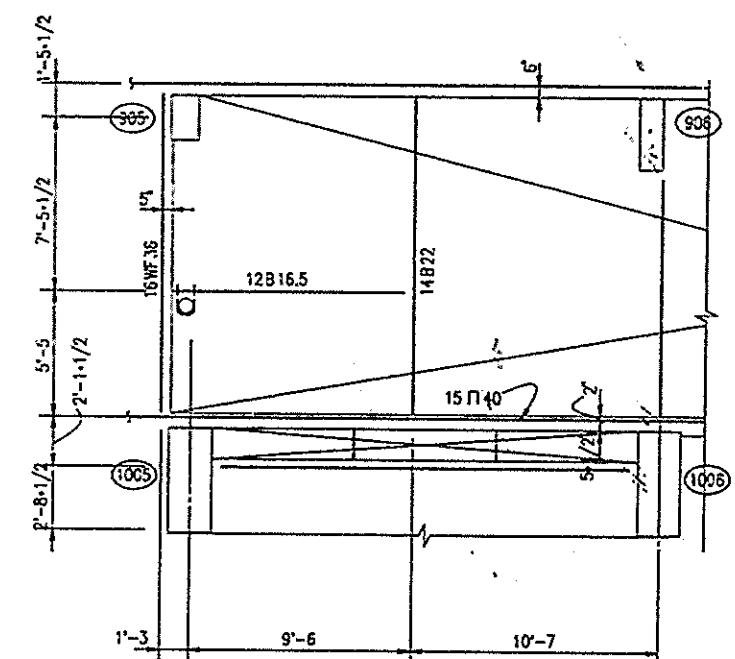
PART PLAN B1 LEVEL  
REF. EL. = 284'-0"



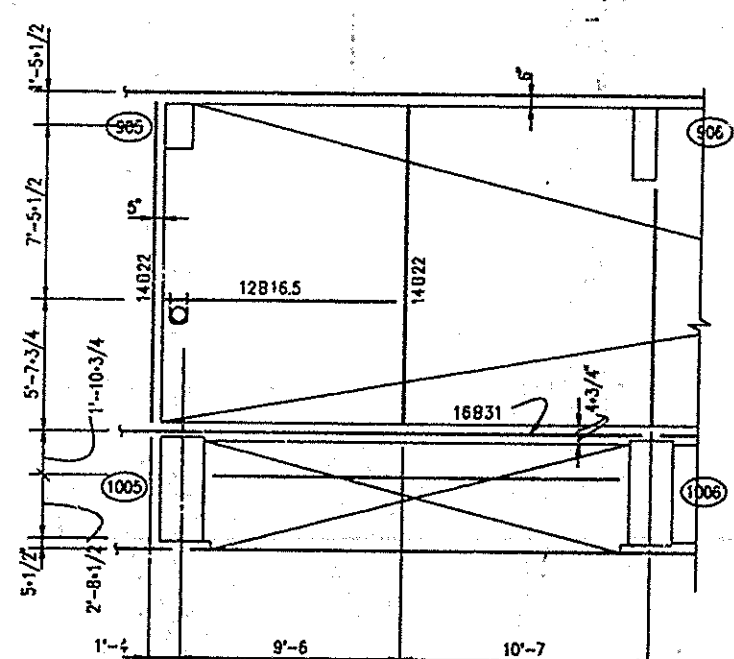
PART PLAN SERVICE LEVEL  
REF. EL. = 294'-0"



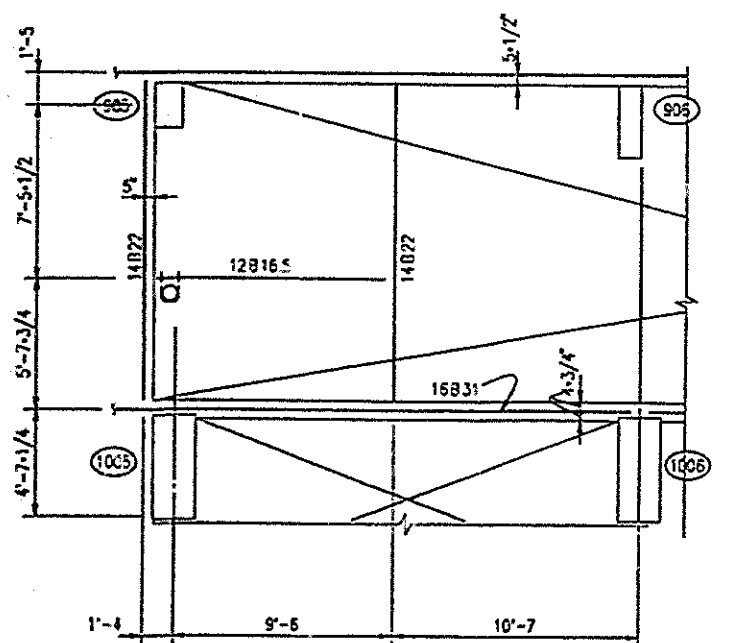
PART PLAN FLOOR 2  
REF. EL. = 332'-0"



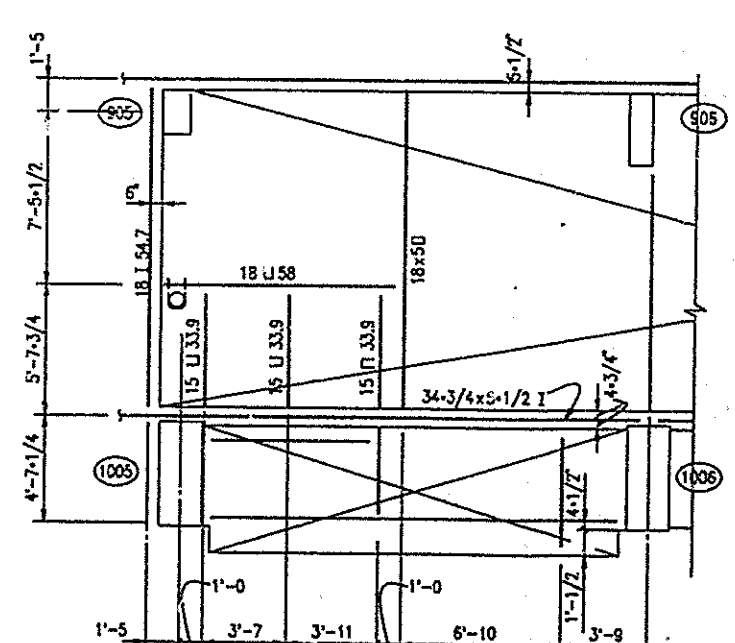
PART PLAN FLOORS 3-6  
REF. EL. FLOOR 3 = 344'-0"  
FLOOR 6 = 378'-6"



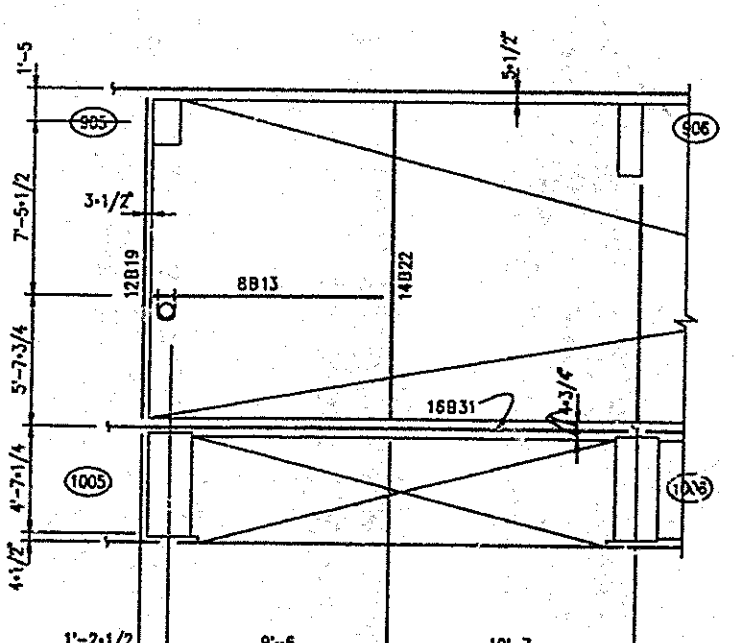
PART PLAN FLOOR 7  
REF. EL. = 390'-0"



PART PLAN FLOOR 8  
FLOOR 1 (SIM)  
REF. EL. FLOOR 8 = 402'-0"  
REF. EL. FLOOR 1 = 310'-0"



PART PLAN FLOOR 9  
REF. EL. = 414'-0"



PART PLAN FLOORS 10-40  
REF. EL. FLOOR 10 = 428'-0"  
FLOOR 40 = 786'-0"